

ROANOKE COUNTY COMMUNITY DEVELOPMENT HIGH-PILED OR RACK STORAGE SUPPLEMENTAL APPLICATION

| Occupancy Address: | |
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| 00 | ccupant/Tenant:Telephone: |
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| Please answer all questions to the best of your ability. The detail of the description will help establish your commodity classification and storage fire protection requirements. | |
| If you cannot answer these questions, please contact us at (540) 772-2065 or via email at jbiller@roanokecountyva.gov . You may have to retain the services of a registered design professional to evaluate the hazard and prepare a report for our review. Please also include all applicable items listed on a checklist on the following page. | |
| Mixed commodity classifications must be protected to the highest commodity classification shown unless it can be proved by engineering analysis the fire protection equipment can protect the hazard. | |
| 1. | Describe the commodities to be stored. Provide a detailed description of the product(s), packing materials and containers. Products that are packaged with Group A expanded or nonexpanded plastics should be described with the amount of each plastic by weight or volume. |
| 2. | Describe the method of storage. Provide a description of the method of storage such as in solid piles, on pallets (wood, steel, plastic), loose, racks (single, double, or multiplerow), carousel, flowthrough, bin box, etc. |
| 3. | Specify the amount of building area designated for high piled storage sq.ft. |
| 4. | Specify the maximum height the material will be stored. |
| OFFICE USE ONLY | |
| | Based on the information provided, our office has determined your commodity classification is Class, and storage area is Class Deviations from the information supplied may require additional fire protection features. |
| | Our office is unable to classify your commodit(ies). You will have to provide an engineering analysis for review and approval. |

Floor plan showing the locations and dimensions of high-piled storage areas Location of required fire department access roads __ A description of the type of fire suppression and any detection systems. Separate plans may be submitted for review later Type, location, dimensions, and specifications of smoke removal and curtain board systems Location within storage areas of each commodity by class ____ Location of commodities that are banded or encapsulated Useable storage height for each storage area Clearance between the top of storage and sprinkler deflectors for each area __ Aisle dimensions between each storage array STORAGE ON RACKS OR SHELVES Verification the system is rack or shelf storage, or bin boxes greater than five (5) feet in any dimension Number of tiers within each rack, shelf, or bin box system The use of solid or slatted decks Location and anticipated quantity of plastic pallets or bin boxes, if applicable Description of material from which plastic pallets or bin boxes are made Dimension and location(s) of transverse and longitudinal flue spaces Location and anticipated quantity of idle pallet storage area, if applicable SOLID-PILED, PALLETIZED, OR SMALL BIN BOX STORAGE Verification the system is solid-piled, palletized, shelves less than fifteen (15) feet high or bin boxes smaller than five (5) feet in any dimension __ Pile dimensions (length, width, and height) for each storage array Maximum pile volume for each storage array __ Location and anticipated quantity of plastic pallets or bin boxes, if applicable ____ Description of material from which plastic pallets or bin boxes are made Location and anticipated quantity of idle pallet storage area, if applicable

GENERAL